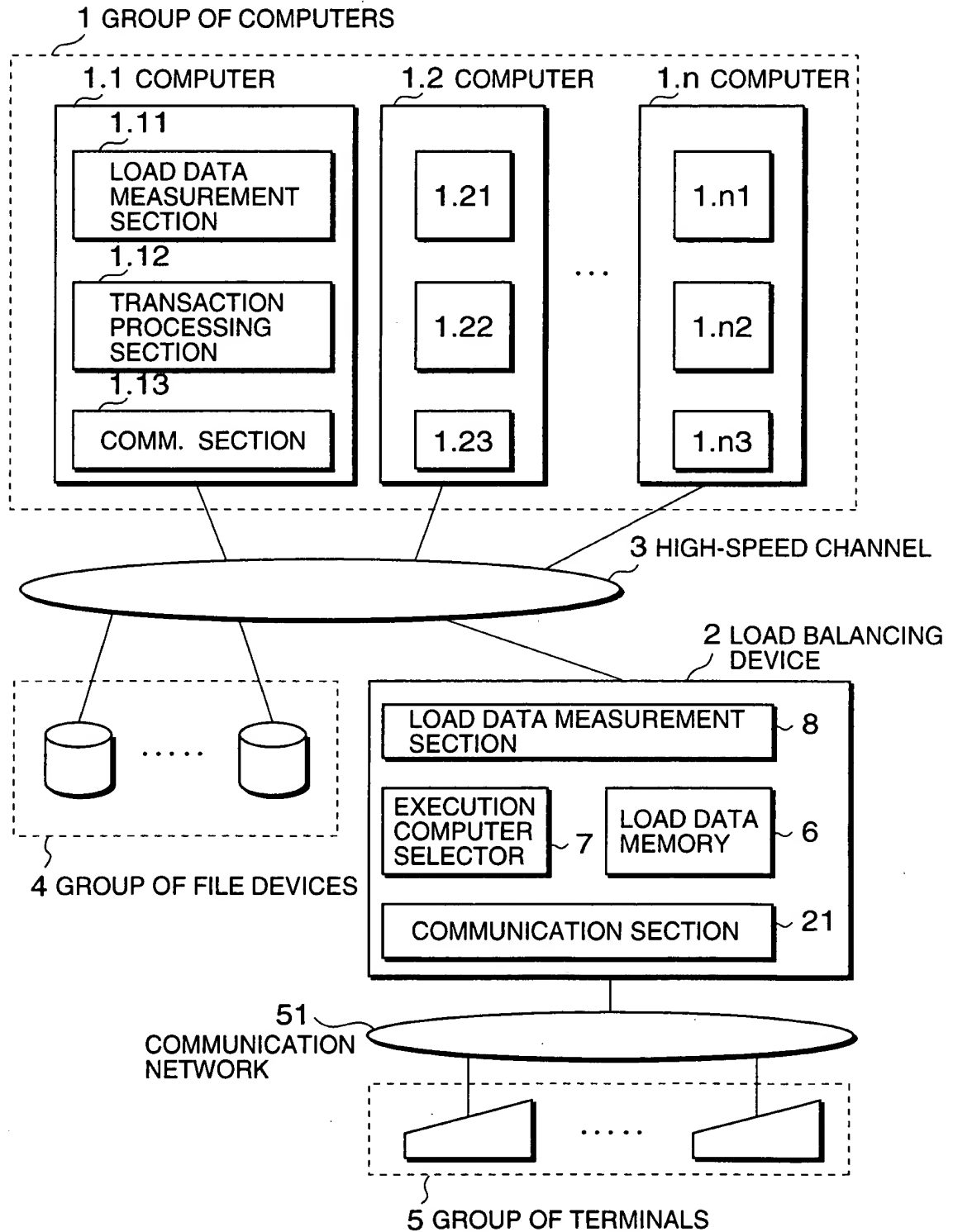


FIG. 1



FQ5-489



2 / 9

FIG.2

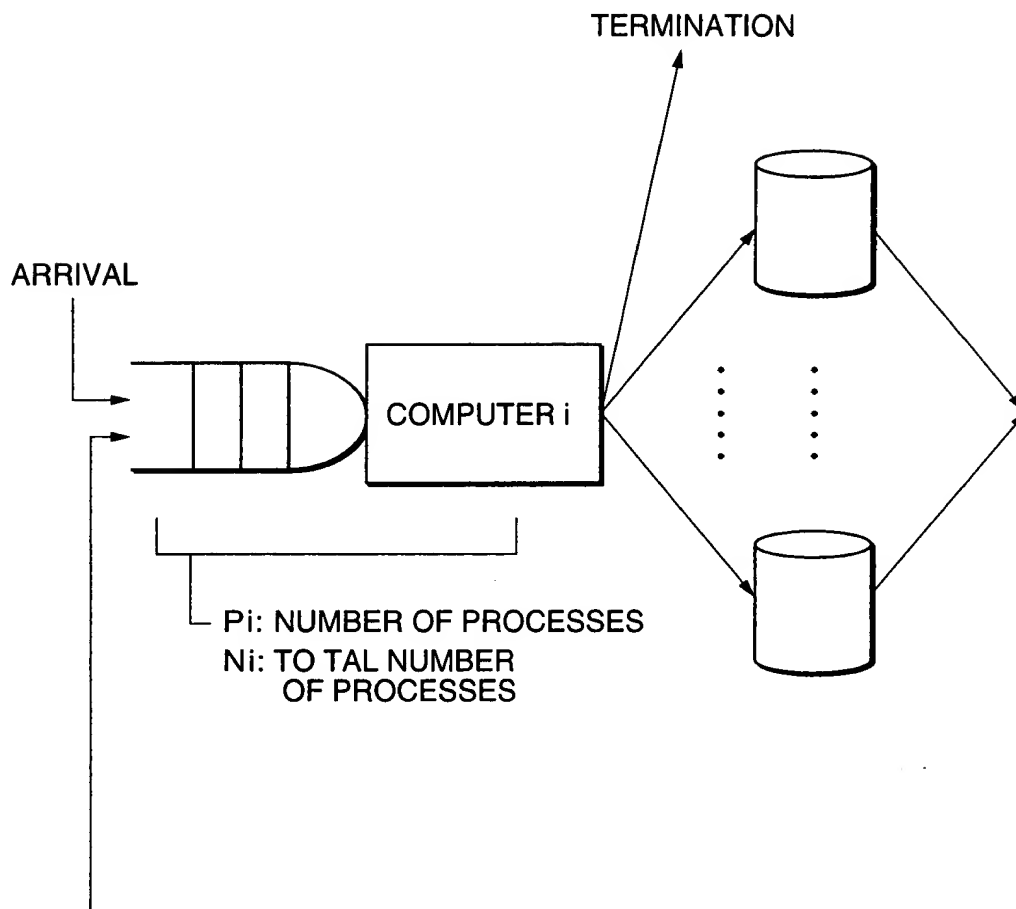


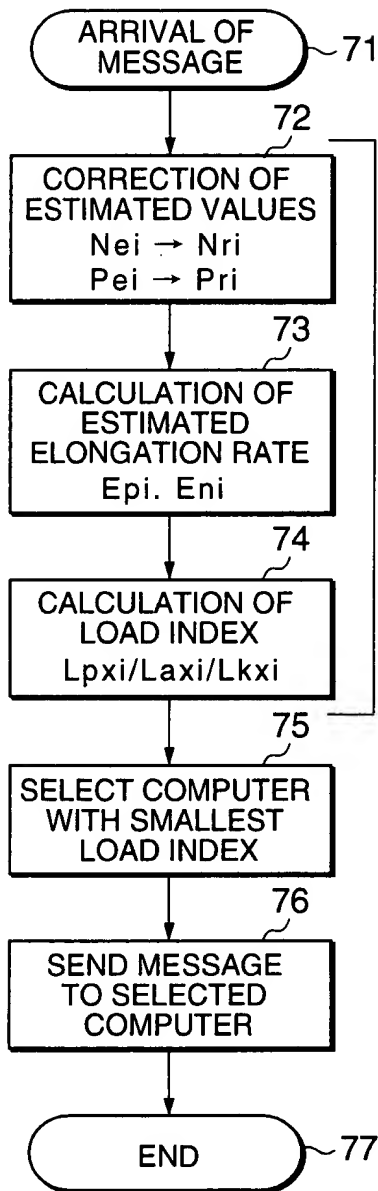


FIG.3

T1	T2	T3	T4	T5	T6	T7
COMPUTER #	NUMBER OF CURRENT TRS	ESTIMATED NUMBER OF TRS	ESTIMATED NUMBER OF TRS/CPU- SYSTEM	ESTIMATED ELONGATION RATE	ESTIMATED ELONGATION RATE AFTER DISTRIBUTION	ESTIMATED LOAD
1	Np1	Ne1	Pe1	Ep1	En1	Lxy1
2
.
.
i	Npi	Nei	Pei	Epi	Eni	Lxy1
.
.
n	Npn	Nen	Pen	Epn	Enn	Lxyn

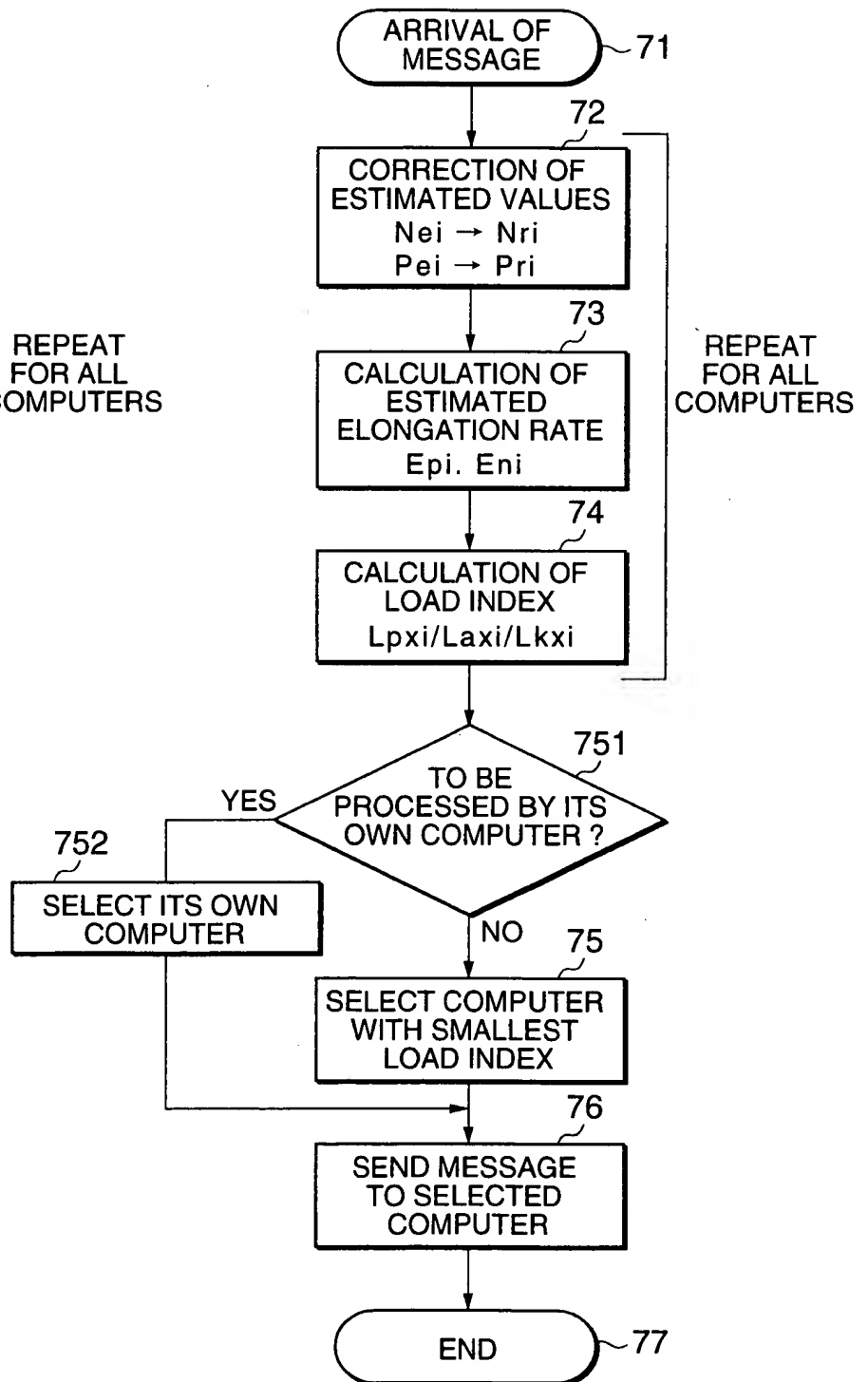
$x = p/a/k$ $y = 1/2/3$

FIG.4A



REPEAT
FOR ALL
COMPUTERS

FIG.4B



REPEAT
FOR ALL
COMPUTERS

FIG.5

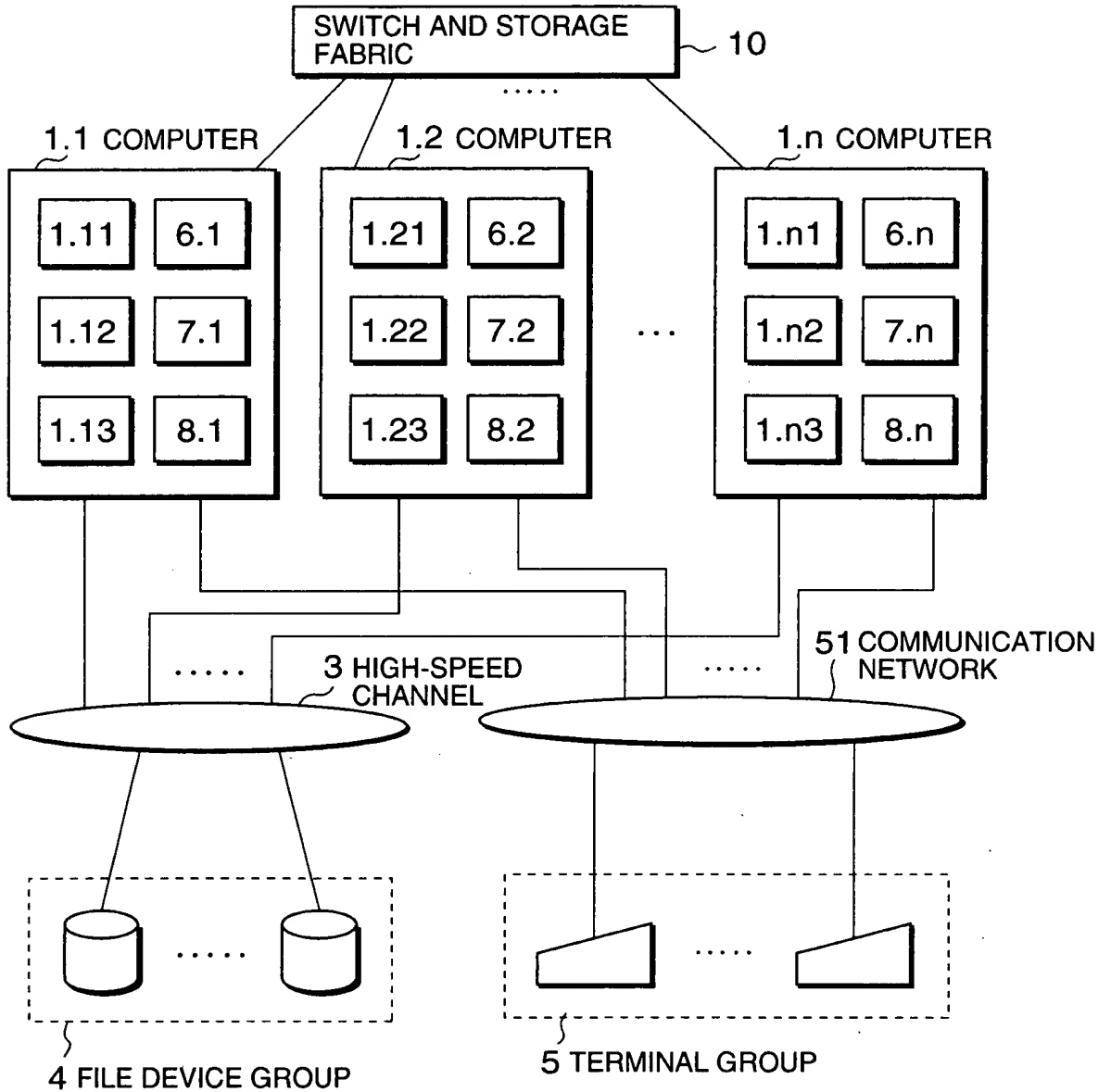
ELONGATION RATE LOAD INDEX	ESTIMATED ELONGATION RATE BEFORE SCHEDULING	ESTIMATED ELONGATION RATE AFTER SCHEDULING	
		UNKNOWN CHARACTERISTICS	ESTIMATED CHARACTERISTICS
ELONGATION RATE AS IT IS	$Lp1=Epi$	$La1=Eni$	$Lk1=Eki$
ELONGATION RATE MULTIPLIED BY NUMBER OF TRANSACTIONS	$Lp2=Nri \times Epi$	$La2=Nni \times Eni$	$Lk2=Nni \times Eki$
AN INCREASE IN TOTAL ELONGATION RATE	—	$La3=La2 - Lp2$	$Lk3=Lk2 - Lp2$





6 / 9

FIG.6





7 / 9

FIG.7

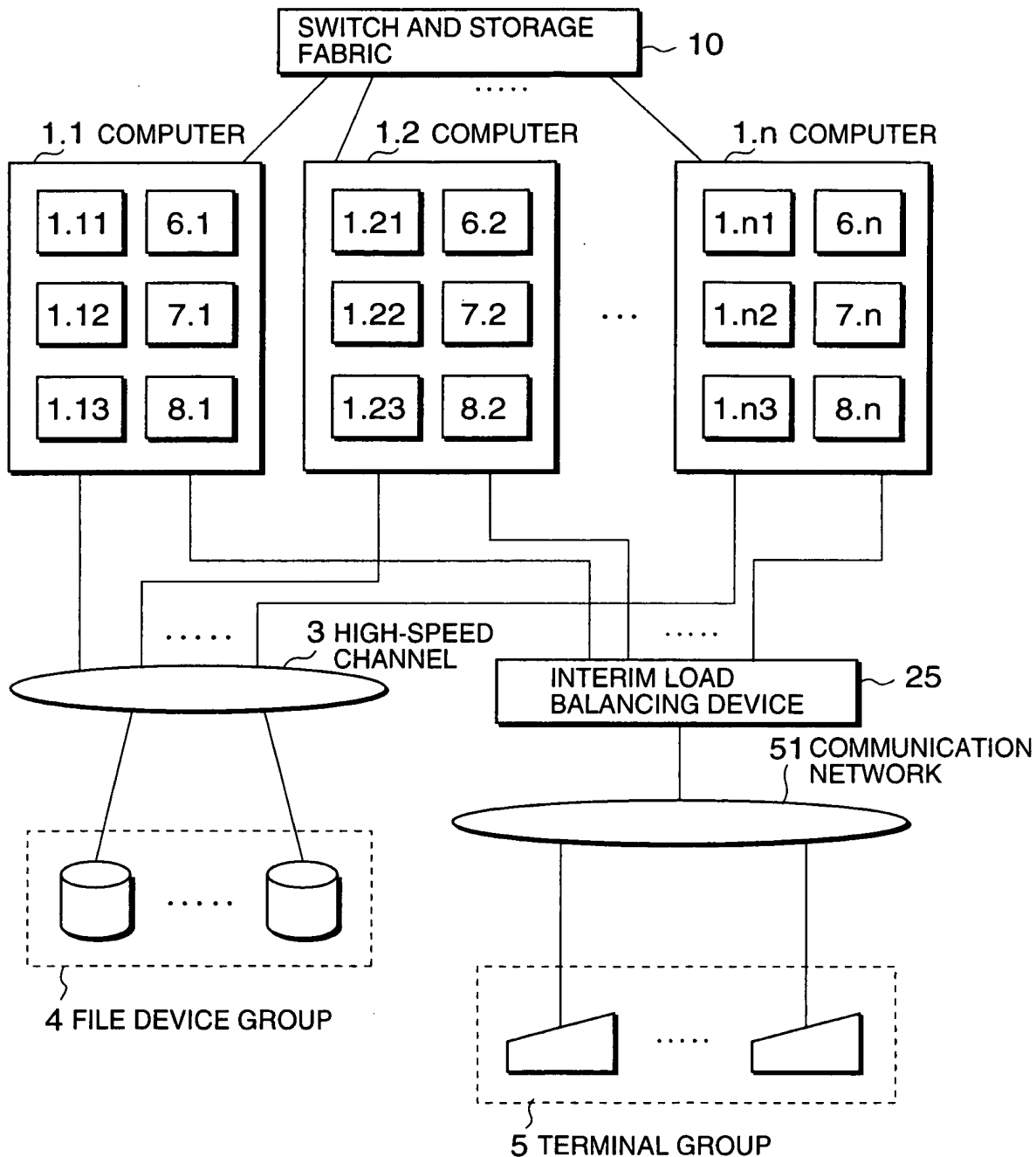




FIG.8

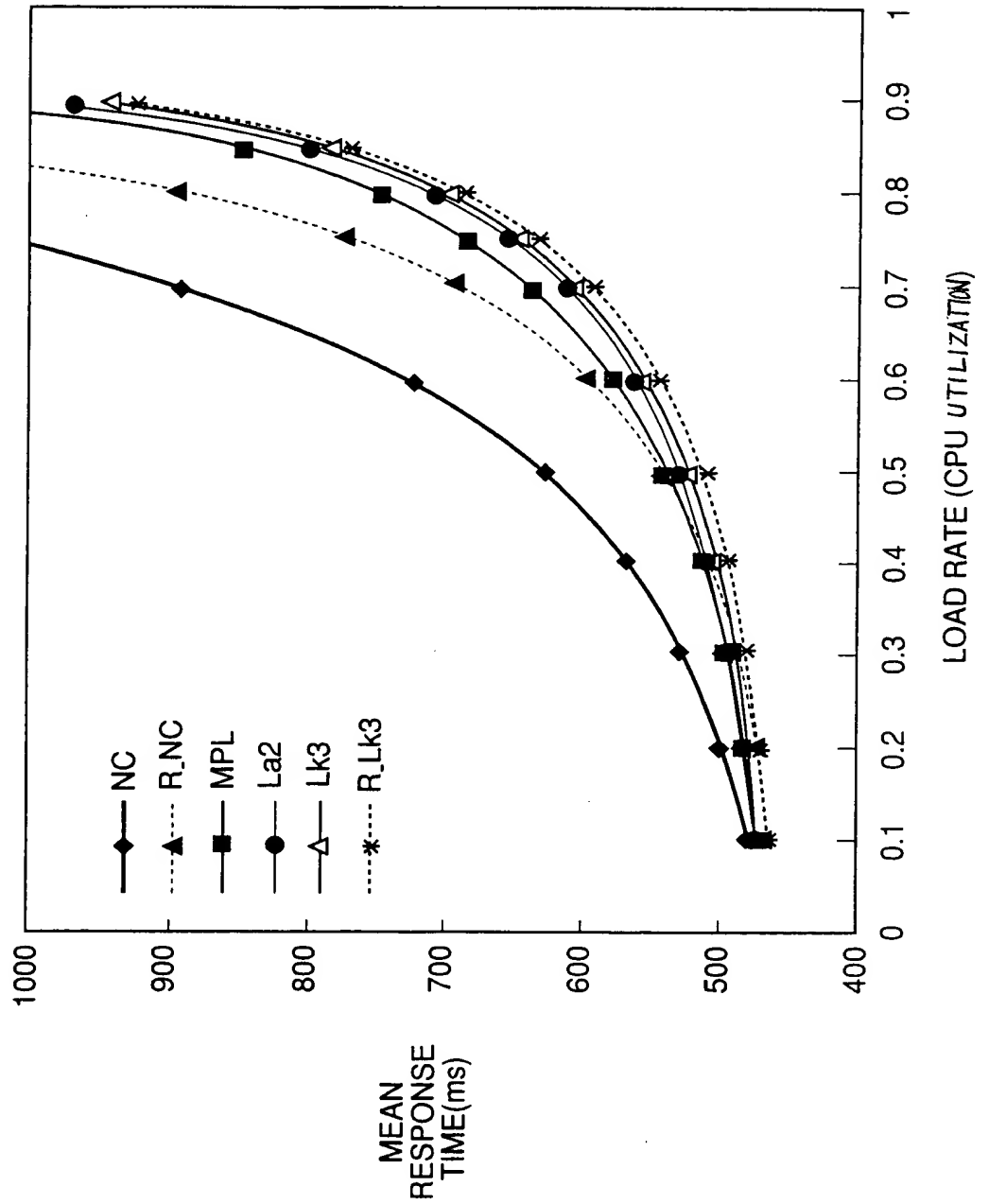




FIG.9

